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INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification ⁷ : C07K 14/315, 16/12, C07H 19/00, C12N 1/20, C12Q 1/68, A61K 35/74, 39/09	A1	(11) International Publication Number: WO 00/39159 (43) International Publication Date: 6 July 2000 (06.07.00)
(21) International Application Number: PCT/NZ99/00228 (22) International Filing Date: 24 December 1999 (24.12.99) (30) Priority Data: 333589 24 December 1998 (24.12.98) NZ (71) Applicant (for all designated States except US): AUCKLAND UNISERVICES LIMITED [NZ/NZ]; 58 Symonds Street, Auckland (NZ). (72) Inventors; and (75) Inventors/Applicants (for US only): FRASER, John, David [NZ/NZ]; Auckland UniServices Limited, UniServices House, 58 Symonds Street, Auckland (NZ). PROFT, Thomas [NZ/NZ]; Auckland UniServices Limited, UniServices House, 58 Symonds Street, Auckland (NZ). (74) Agents: BENNETT, Michael, Roy et al.; West-Walker Bennett, Mobil on the Park, 157 Lambton Quay, Wellington (NZ).		(81) Designated States: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG). Published <i>With international search report.</i> <i>Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.</i>
(54) Title: SUPERANTIGENS (57) Abstract The invention provides superantigens SMEZ-2, SPE-G, SPE-H and SPE-J, as well as polynucleotides which encode them. Such superantigens have, <i>inter alia</i> , diagnostic and therapeutic applications.		